

N1085-00222

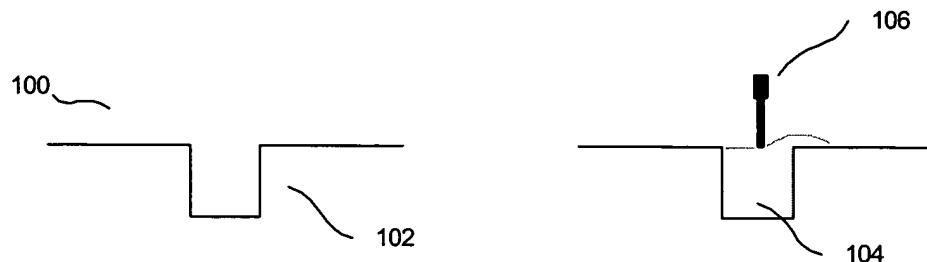


FIG. 1

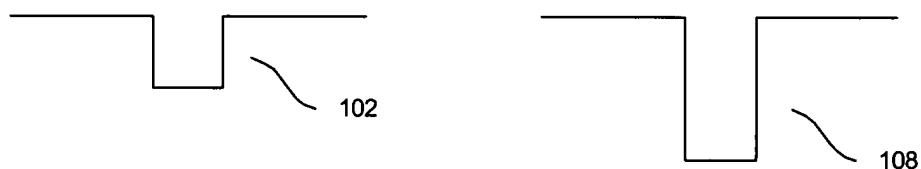


FIG. 2



FIG. 3

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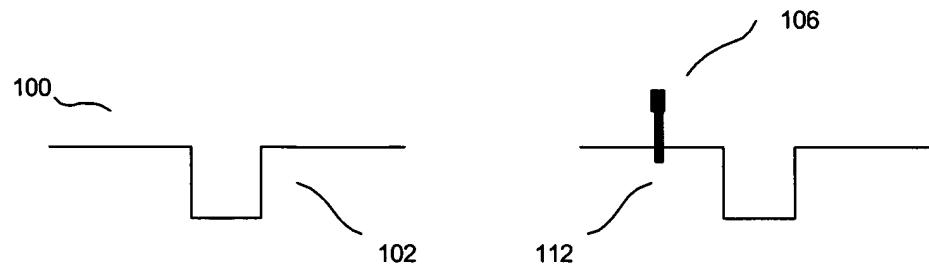


FIG. 4A

FIG. 4B

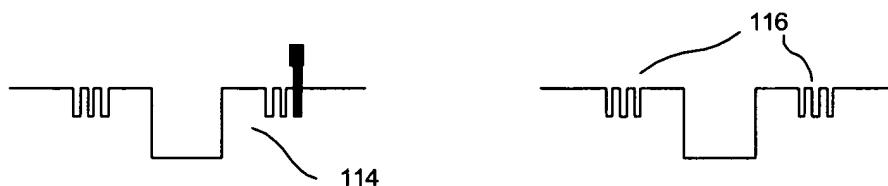


FIG. 4C

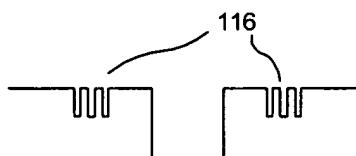
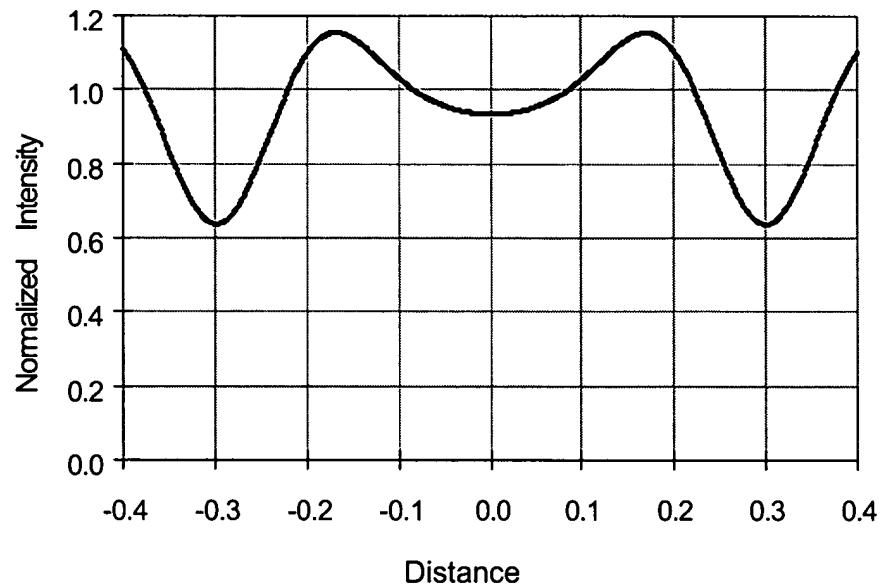


FIG. 4D

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Aerial Intensity



Near Field Phase

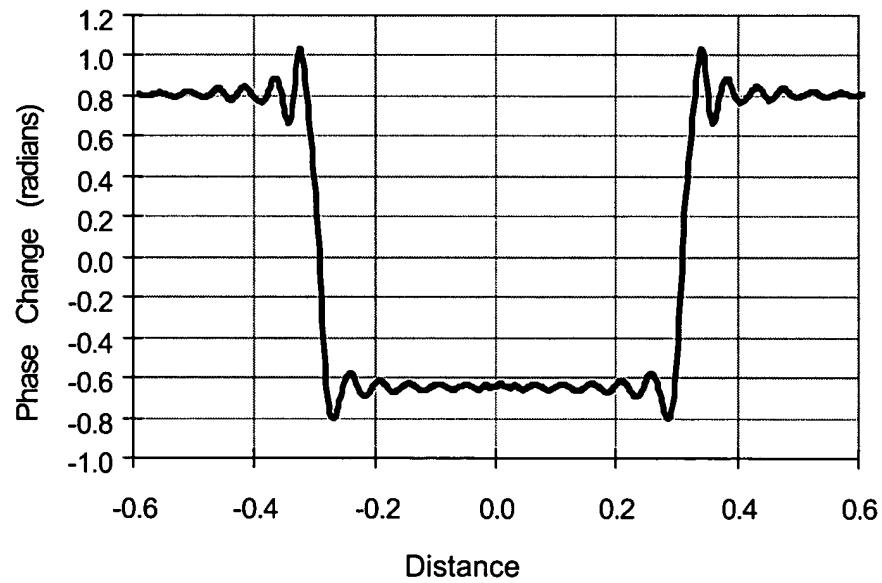


FIG. 5

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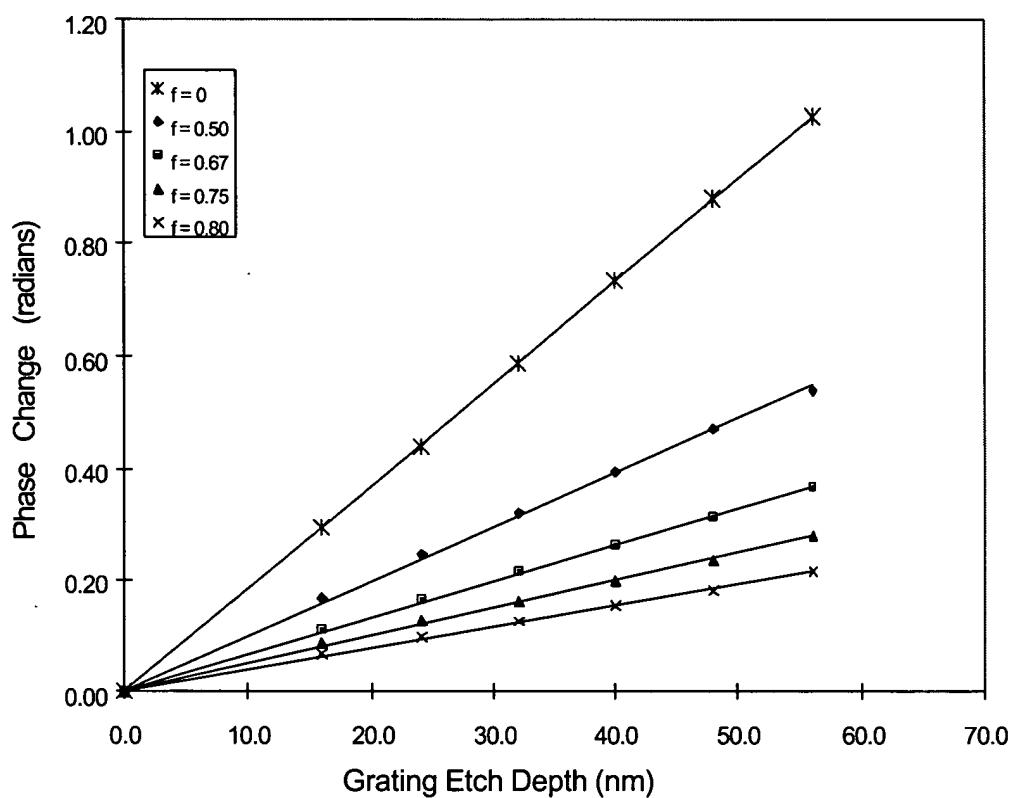


FIG. 6

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DIFFRACTION GRATING PHASE ANGLE IN RADIANS

Grating depth in nm

Fill Factor	0	16	24	32	40	48	56
0.00	0.000000	0.292184	0.438724	0.586012	0.732756	0.879464	1.026484
0.50	0.000000	0.167539	0.246400	0.320406	0.392915	0.469414	0.539259
0.67	0.000000	0.112897	0.165815	0.216295	0.264343	0.312888	0.369056
0.75	0.000000	0.088724	0.127875	0.161847	0.196206	0.236562	0.281579
0.80	0.000000	0.069041	0.098334	0.125714	0.153415	0.181938	0.217406

FIG. 7

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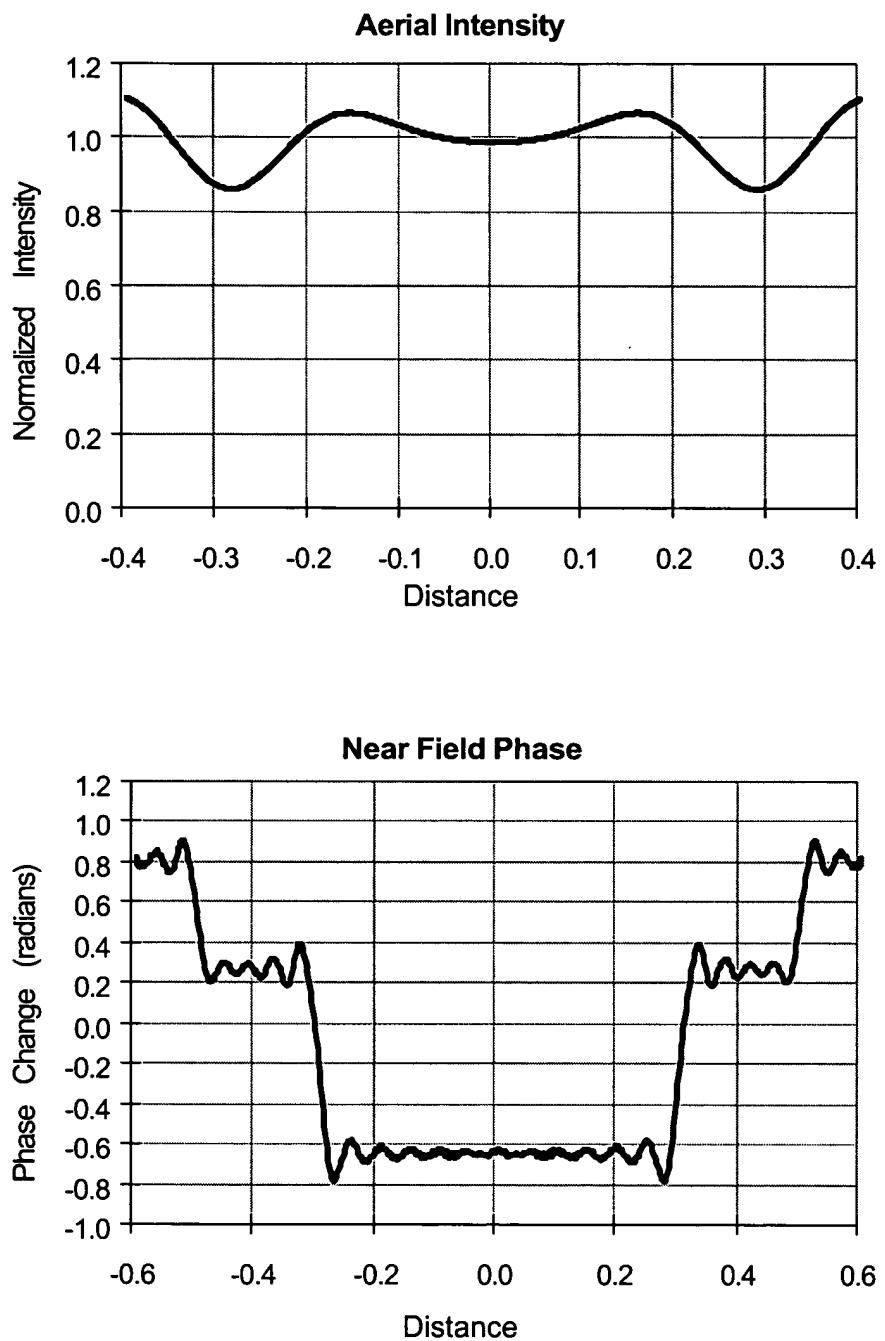


FIG. 8

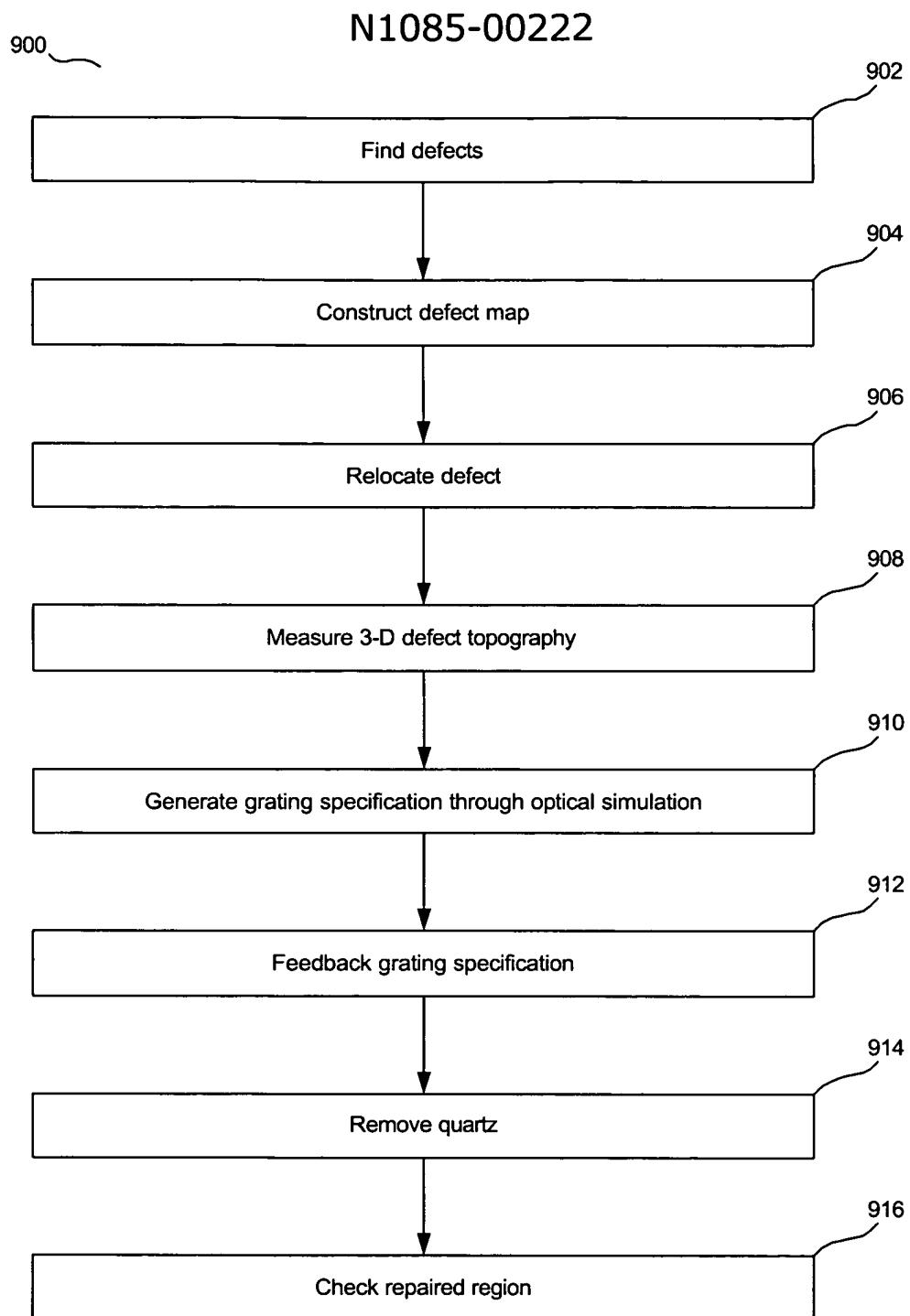


FIG. 9